



Hand Tools





In this chapter, our aim has been mainly to offer as wide a selection of tools as possible, divided into two main groups: "Insulated Tools" and "Conventional Tools". However, if we have not included the tool you need in the following pages, our sales team will be happy to answer all your enquiries for information and prices.

INSULATED TOOLS

Insulated tools are manufactured with high quality materials, and tested to national and international standards. The combination of careful design and ruggedness ensures maximum safety and the highest level of protection when working with low voltages.

Tools which bear the 1000V symbol have passed at least dielectric resistance tests at 10000 V.


- Insulated and tested in accordance with IEC 900 with respect to DIN EN60900.
- Insulated and tested in accordance with VDE 0680/Part 2.
- Manufacturing and storage control by the VDE test office.

 1000 V

IEC 60900
DIN EN 60900



NOTE

Use safety goggles and where necessary insulated gloves. Only handles bearing the  1000 V symbol are insulated and tested.

TL3109 Combination Pliers



Cutting edges for wire, manufactured from special steel, oil tempered, insulated by immersion in reinforced plastic to 1000 V, in accordance with EN60900.

- Length 200 mm.

NOTE

Ref TL3110: 250 mm length.

TL3128 Diagonal cutting nippers



Induction treated cutting edges, manufactured from high grade steel, insulated by immersion in reinforced plastic to 1000 V in accordance with EN60900.

- Length 180 mm.

TL3112 Wire Strippers



Pliers insulated by immersion in reinforced plastic, in accordance with EN60900. With adjustment screw to set the required diameter, simple adjustment using internal knurled nut.

- Length 160 mm.

TL3120 Flat nose pliers



Small flat tips, grooved tip surfaces, manufactured from special oil tempered steel. Insulated by immersion in reinforced plastic in accordance with EN60900.

- Length 160 mm.

TL3121 Round nose pliers



Rounded ground tips, smooth tip surfaces, manufactured from special oil tempered steel. Insulated by immersion in reinforced plastic in accordance with EN60900.

- Length 160 mm.

TL3123 Straight tip pliers



Long semi-rounded tips, with separately induction tempered cutting edges, manufactured from chrome vanadium steel. Insulated by immersion in reinforced plastic in accordance with EN60900.

- Length 200 mm.

TL3124 Stork beak pliers



Long semi-rounded tips, with separately induction tempered cutting edges, manufactured from chrome vanadium steel. Insulated by immersion in reinforced plastic in accordance with EN60900.

■ Length 200 mm.

TL3133 Alligator wrench



Box joint jaws. A protective cover prevents the operator's fingers being pinched. Seven position adjustment, manufactured from chrome vanadium steel, oil tempered. Insulated by immersion in reinforced plastic in accordance with EN60900.

■ Length 250 mm.

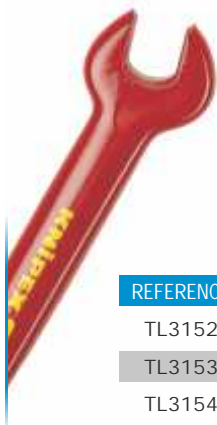
TL2552 Total safety pliers



Small flat tips, grooved tip surfaces, manufactured from special oil tempered steel. Insulated by immersion in reinforced plastic in accordance with EN60900.

■ Length 160 mm.

TL3152 Open jaw wrench



Jaw angle: 15°. Basic tool chrome plated. Manufactured from forged chrome vanadium steel. Insulated and tested in accordance with EN60900.

| REFERENCE | MEASURE(mm) | LENGTH (mm) | WEIGHT(grams) |
|-----------|-------------|-------------|---------------|
| TL3152 | 7 | 110 | 30 |
| TL3153 | 8 | 110 | 30 |
| TL3154 | 9 | 110 | 35 |
| TL3155 | 10 | 110 | 40 |
| TL3156 | 11 | 120 | 60 |
| TL3157 | 12 | 130 | 60 |
| TL3158 | 13 | 140 | 65 |
| TL3159 | 14 | 150 | 80 |
| TL3160 | 15 | 160 | 85 |
| TL3161 | 16 | 165 | 110 |
| TL3162 | 17 | 165 | 110 |
| TL3163 | 18 | 175 | 140 |
| TL3164 | 19 | 180 | 150 |
| TL3165 | 22 | 205 | 200 |
| TL3166 | 24 | 230 | 280 |
| TL3167 | 27 | 230 | 310 |

TL3171 Cranked ring wrench



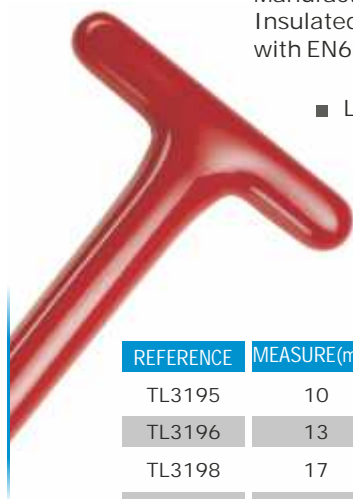
Basic tool chrome plated. Manufactured from forged chrome vanadium steel. Insulated and tested in accordance with EN60900.

| REFERENCE | MEASURE(mm) | LENGTH (mm) | WEIGHT(grams) |
|-----------|-------------|-------------|---------------|
| TL3170 | 7 | 160 | 50 |
| TL3171 | 8 | 165 | 75 |
| TL3172 | 9 | 170 | 80 |
| TL3173 | 10 | 170 | 80 |
| TL3174 | 11 | 180 | 90 |
| TL3175 | 12 | 190 | 130 |
| TL3176 | 13 | 200 | 130 |
| TL3177 | 14 | 210 | 150 |
| TL3178 | 15 | 215 | 165 |
| TL3179 | 16 | 215 | 190 |
| TL3180 | 17 | 220 | 190 |
| TL3181 | 18 | 230 | 235 |
| TL3182 | 19 | 240 | 250 |
| TL3183 | 22 | 260 | 265 |
| TL3184 | 24 | 280 | 355 |

TL3195 "T" handle socket wrench

Manufactured from special steel. Insulated and tested in accordance with EN60900.

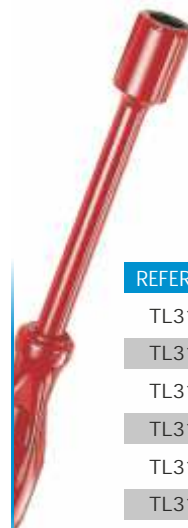
■ Length 200 mm.



| REFERENCE | MEASURE(mm) | LENGTH (mm) | WEIGHT(grams) |
|-----------|-------------|-------------|---------------|
| TL3195 | 10 | 200 | 350 |
| TL3196 | 13 | 200 | 375 |
| TL3198 | 17 | 200 | 460 |
| TL3199 | 19 | 200 | 570 |
| TL3200 | 22 | 200 | 615 |

TL3187 Box spanner with handle

Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.



| REFERENCE | MEASURE(mm) | LENGTH (mm) | WEIGHT(grams) |
|-----------|-------------|-------------|---------------|
| TL3187 | 6 | 220 | 80 |
| TL3188 | 7 | 230 | 115 |
| TL3189 | 8 | 230 | 115 |
| TL3190 | 9 | 230 | 120 |
| TL3191 | 10 | 230 | 120 |
| TL3192 | 11 | 245 | 170 |
| TL3193 | 12 | 245 | 170 |
| TL3194 | 13 | 245 | 175 |

TL3096 Allen key with handle

Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL3096 | 4 | 170 |
| TL3097 | 5 | 180 |
| TL3098 | 6 | 205 |

TL3223 Ratchet wrench

External ½" square drive. Inverter for right or left hand drive. Safe socket retaining system. Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.



TL3225 Torque wrench

External ½" square drive. Inverter for right or left hand drive. Scale from 8 to 54 Nm. Safe socket retaining system. Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.



TL3222 ½" T-socket wrench

Basic tool chrome plated. These are only effective in safety applications when used in combination with insulated drivers. Insulated and tested in accordance with EN60900.

■ Length 200 mm.



TL3220

Extension bar

½" square drive. Safe socket retaining system. These are only effective in safety applications when used in combination with insulated drivers. Never use two extension bars joined together. Insulated and tested in accordance with EN60900.

- Length 125 mm.



TL3221

Extender 250 mm.



TL3226

Hexagonal sockets

These are only effective in safety applications when used in combination with insulated drivers. Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.

| REFERENCE | MEASURE(mm) | WEIGHT(grms) |
|-----------|-------------|--------------|
| TL3226 | 10 | 60 |
| TL3227 | 11 | 60 |
| TL3228 | 12 | 60 |
| TL3229 | 13 | 65 |
| TL3230 | 14 | 65 |
| TL3231 | 16 | 70 |
| TL3232 | 17 | 70 |
| TL3233 | 18 | 80 |
| TL3234 | 19 | 100 |
| TL3235 | 22 | 125 |
| TL3236 | 24 | 155 |
| TL3237 | 27 | 180 |

TL3239

½" Hexagonal sockets

½" sockets for metric hexagonal head screws.

These are only effective in safety applications when used in combination with insulated drivers.



| REFERENCE | MEASURE(mm) | WEIGHT(grms) |
|-----------|-------------|--------------|
| TL3239 | 5 | 90 |
| TL3240 | 6 | 90 |
| TL3241 | 8 | 90 |

TL2562

Adjustable wrench

Lateral knurled wheel. Insulated and tested to VDE standard. The insulating material is chosen for its mechanical, electrical and thermal properties. This material does not propagate flames. The design and installation of a handle provides secure grip and avoids slipping.



| REFERENCE | MEASURE(mm) | WEIGHT(grms) |
|-----------|-------------|--------------|
| TL2562 | 200 mm. 8" | 330 |
| TL2563 | 250 mm. 10" | 650 |
| TL2564 | 300 mm. 12" | 1000 |

TL5683

Total safety adjustable wrench



Lateral knurled wheel. The insulating material is chosen for its mechanical, electrical and thermal properties. This material does not propagate flames. The design and installation of a handle provides secure grip and avoids slipping.

| REFERENCE | MEASURE(mm) | WEIGHT(grms) |
|-----------|-------------|--------------|
| TL5683 | 200 mm. 8" | 360 |
| TL5684 | 250 mm. 10" | 690 |
| TL5685 | 300 mm. 12" | 1060 |

TL5686 Cross wrench

Manufactured from chrome vanadium steel. Insulated and tested in accordance with EN60900.

- Length 210 mm.
- Weight 420 g.

| REFERENCE | MEASURE(mm) |
|-----------|-------------|
| TL5686 | 6x8x10x12 |
| TL5687 | 7x9x11x13 |
| TL5688 | 8x10x12x14 |
| TL5689 | 8x10x13x17 |



TL2561 Hack Saw

- Length 300 mm.
- Weight 1400 g.



TL2560 Safety Hack Saw

- Length 300 mm.
- Weight 1420 g.

With hand guard.



TL2559 Reinforced electrician's scissors

- Length 150 mm.
- Weight 170 g.



TL2558 Electrician's scissors

- Length 130 mm.
- Weight 100 g.



TL3135 Precision curved tweezers

Curved tweezers. For working on live equipment up to 1,000 V. Insulated and tested in accordance with EN60900.



TL3134 Precision straight tweezers

Straight tweezers. For working on live equipment up to 1,000 V. Insulated and tested in accordance with EN60900.



TL3242

Straight knife



Ergonomically designed safety handle. Fixed blade. With transparent safety cap. Insulated and tested in accordance with EN60900.



TL3244

Straight safety knife



Ergonomically designed safety handle. Fixed blade. Back of blade insulated with plastic. With transparent safety cap. Insulated and tested in accordance with EN60900.



TL3245

Curved knife



With guide shoe at the blade point. Strips cables without damaging the conductor insulation. With transparent safety cap. Insulated and tested in accordance with EN60900.



TL2802

Slotted screwdrivers



Ergonomically designed handle for optimum transmission of force. Shank manufactured from chrome vanadium steel. Insulated and tested to VDE standard.

| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2802 | 3X100 | 175 |
| TL2803 | 4X100 | 188 |
| TL2804 | 5.5X125 | 225 |
| TL2805 | 6.5X150 | 260 |
| TL2806 | 8X175 | 285 |
| TL2800 | 10X200 | 320 |
| TL2801 | 12X200 | 320 |

TL2796

Cross point screwdrivers



Ergonomically designed handle for optimum transmission of force. Shank manufactured from chrome vanadium steel. Insulated and tested to VDE standard.

| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2796 | 0X100 | 175 |
| TL2797 | 1X150 | 250 |
| TL2798 | 2X175 | 285 |
| TL2799 | 3X200 | 320 |



■ TL2448 Case with interchangeable blades

Metal case with 12 interchangeable blades and a reinforced handle. Note that all the blades are individually checked to 10,000 V, in accordance with DIN EN 60900. This tool kit offers total safety thanks to the locking system which prevents accidental extraction of the blade from the handle.



■ TL3140 Cable cutter

For copper and aluminium cables, clean easy one-handed cutting. Cutting capacity 20 mm diameter or 70 mm² section. Not suitable for steel cables. Insulated and tested to VDE standard.

■ Length 200 mm.



■ TL2550 Cable cutter

For copper and aluminium cables, clean easy one-handed cutting. Not suitable for steel cables. Insulated and tested to VDE standard.

■ Length 230 mm.



■ TL3137 Cable cutter

For copper and aluminium cables, clean easy one-handed cutting. Cutting capacity 16 mm diameter or 50 mm² section. Not suitable for steel cables. Insulated and tested to VDE standard.

■ Length 230 mm.



■ TL3145 Ratchet action cable shears

For copper and aluminium cables. Clean cuts without crushing up to 52 mm diameter. The blade can be released by pressing the release lever in any position. Ideal for work in confined spaces. Not suitable for steel cables. Insulated and tested to VDE standard.

■ TL3146

Spare moving blade.

Length 230 mm.



■ TL3142 Cable shears

Minimum effort required due to lever action. For copper and aluminium cables. Cutting capacity 27 mm diameter or 150 mm² section. Not suitable for steel cables. Insulated and tested to VDE standard.



TL3148 Cable shears

For copper and aluminium cables, braided wire cables (14 mm) and steel rods (9 mm). Low weight thanks to the aluminium arms. Insulated and tested to VDE standard.



■ Length 600 mm.

TL3141 Cable shears

Forged cutting head, tempered steel arms. For copper and aluminium cables. Cutting capacity 27 mm diameter or 150 mm² section. Not suitable for steel cables. Insulated and tested to VDE standard.



■ Length 500 mm.

TL4081 Bolt cutter

Bolt cutter with fibreglass handles. Excellent cutting capacity for rods, rivets, chains, cables, wire and iron bolts. Induction-tempered jaws. Long lasting, wear resistant blades. Capacity 10 mm



■ Length 600 mm.

TL2565 Insulated bolt cutter

Insulated bolt cutter. Excellent cutting capacity for rods, rivets, chains, cables, wire and iron bolts. Long lasting, wear resistant blades. Capacity 10 mm.



■ Length 630 mm.

TL3248 Compact tool case

Impact resistant PVC case, equipped with a range of insulated tools, and tested to VDE standards.

- Combination pliers and snips.
- Set of screwdrivers.
- 2-way ratchet.
- 2 extension bars.
- Set of sockets 10-11-12-13-14-17-19 (½").
- Straight knife.



 1000 V

IEC 60900
DIN EN 60900





TL3249 Standard tool case

Impact resistant PVC case, equipped with a range of insulated tools, and tested to VDE standards.

- Combination pliers and snips.
- Set spanners 10-11-12-13-14-17-19.
- Set of screwdrivers.
- T-handle.
- Set of sockets 10-11-12-13-14-17-19 (½").
- Straight knife and round-tip knife.
- Voltage tester.



TL3250 Universal tool case

Very robust ABS case, with aluminium edges and attachments for a carrying strap. Tools can be fitted into both halves of the case. Extremely versatile thanks to the different pockets and elastic loops. Dimensions 560x220x410 mm.

- Combination pliers, snips, wire stripper.
- 200 mm cable cutter and cable shear.
- Set spanners 10-13-14-17-19-22.
- Cranked spanners 10-13-14-17-19-22.
- Set of screwdrivers.
- 2-way ratchet and handle with 2 extension bars.
- Set of hexagonal sockets.
- 10-11-12-13-14-17-19-22-24.
- Straight knife and round-tip knife.
- T-handle.
- Plastic clamps (6).
- Insulating gloves and 3 rubber sheets.



TL3251 Socket set

Impact resistant PVC case, equipped with a range of insulated tools, and tested to VDE standards.

- 2-way ratchet.
- 250 mm extension bar.
- Set of sockets 10-11-12-13-14-17-19-22.

NOTE

Other combinations available.
The case can be supplied empty.



CONVENTIONAL TOOLS

PLIERS AND PINCERS

TL3106 Combination Pliers



Induction tempered steel cutting edges, for soft and hard wire. Manufactured from special steel, oil tempered. Polished head.

■ Length 200 mm.

TL3125 Diagonal cutting nippers



Precision induction hardened cutting edges, for soft and hard wire. Manufactured from special vanadium steel, oil tempered. Polished head.

■ Length 180 mm.

TL3111 Wire Strippers



With adjustment screw to set the required diameter, simple adjustment using internal knurled nut. With opening spring for cables of 5 mm max diameter.

■ Length 160 mm.

TL3119 Flat Tip Pliers



Small flat tips, grooved tip surfaces, manufactured from special oil tempered steel. Polished head.

■ Length 160 mm.

TL3122 Straight tip pliers



Long semi-rounded tips, with separately induction tempered cutting edges, manufactured from chrome vanadium steel, oil tempered.

■ Length 200 mm.

TL3133 Alligator wrench



Box joint jaws. A protective cover prevents the operator's fingers being pinched. Seven position adjustment, manufactured from chrome vanadium steel, oil tempered. Insulated by immersion in reinforced plastic, to VDE standards.

■ Length 250 mm.

CABLE STRIPPERS

TL1588 Automatic cable stripper



A tool for cutting and stripping rigid and braided cables with PVC insulation for sections from 0,08 to 6 mm². Adjustable stripping length. Automatic jaws and self-adjusting blades to avoid damaging the conductor.



TL1573 Cable stripper



For round cables, 4,5 to 25 mm diameter. Cable can be stripped at any point. Adjustable depth of cut, for insulators of thicknesses of up to 4,5 mm. Swivel blade for circular and longitudinal cuts.



TL3116 Cable stripper

For removing the insulation from cables with diameters of 25 mm and up. Depth of cut adjustable from 0 - 5 mm. The blade is interchangeable, and double-sided. Longitudinal and circular cuts.



TL5690 Cable strippers for data conductors

For removing the insulation from UTP + STP data cables, 5,0 to 15,0 mm diameter. Double layer cable stripper with opening spring, and closing lever. Closing lever with locking clip. Fibreglass reinforced plastic body.



TL5692 Cable strippers for coaxial conductors

For removing insulation and stripping all types of coaxial cables between 4,8 and 7,5 mm diameter (TV and satellite antenna cable), and for 3 x 0,75 mm² flexible PVC cable. Provided with stripping length guide from 5,0 to 20,0 mm. Double layer cable stripper with opening spring, and closing lever. Fibreglass reinforced plastic body.

TL5691 Universal cable stripper



For removing the insulation from all types of conventional cables from 8,0 to -13,0 mm diameter (e.g. 3 x 1,5 mm² to 5 x 2,5 mm²). Particularly useful for making connections and for working in junction boxes. Double layer cable stripper with opening spring, and closing lever.



ELECTRONICS

TL5693

Cable stripping pliers

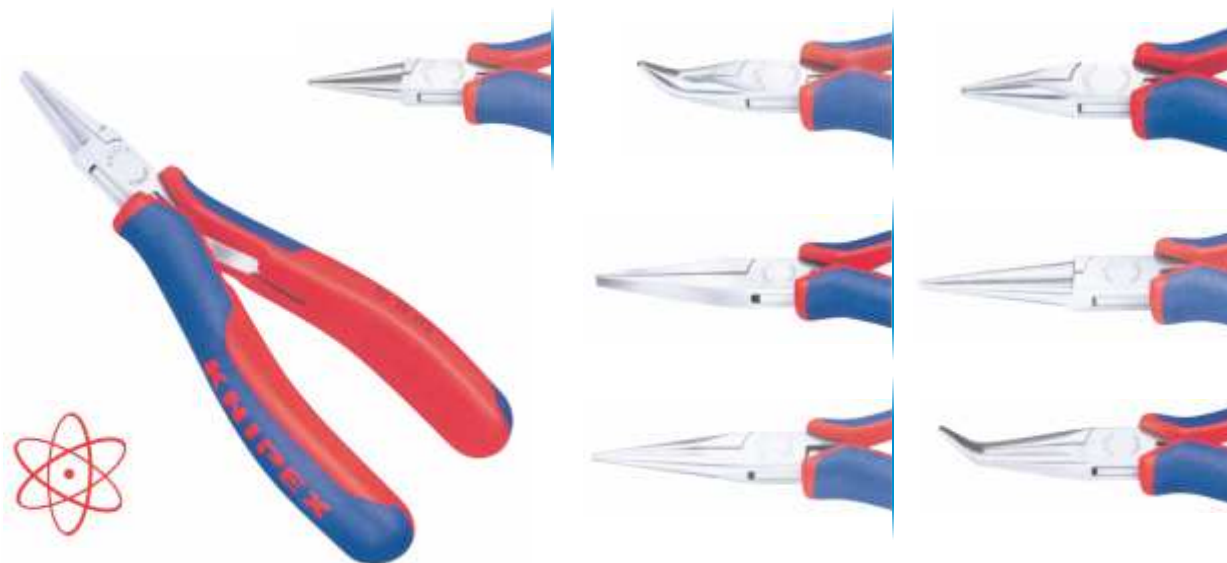
For cables with single or multiple fine conductors from 0,1 to 0,8 mm diameter with plastic or rubber insulation. The cable diameter can be easily adjusted with the internal nut. With opening spring.



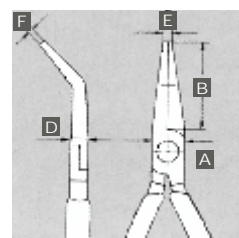
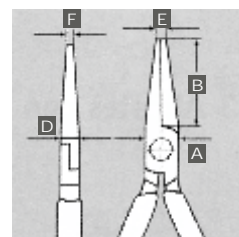
TL5694

Precision pliers

Precision pliers suited to the most delicate assembly jobs in electronics and precision mechanics. Precision box joint. Smooth gripping surface. De-burred edges. Frictionless double spring. The mirror polish in combination with a fine film of oil offer the best possible protection against rust, preventing short-circuits caused by peeling chrome.



| REFERENCE | MODEL | LENGTH (mm) |
|-----------|--|-------------|
| TL5694 | Very wide flat jaws | 115 |
| TL5695 | Half round jaws | 115 |
| TL5696 | Round pointed jaws | 115 |
| TL5697 | Half round angled jaws | 115 |
| TL5656 | Straight needle jaws | 160 |
| TL5699 | 45° angle jaws | 160 |
| TL5700 | End cutting jaws with small bevel | 115 |
| TL5701 | Oblique end cutter, short head with small 15° bevel | 120 |
| TL5702 | Oblique end cutter, mini blade with small 65° bevel | 115 |
| TL5703 | Diagonal end cutter, round head with small bevel | 115 |
| TL5704 | Diagonal end cutter, round head, no bevel | 115 |
| TL5705 | Diagonal end cutter, mini needle head with small bevel | 115 |



TL5706 Precision pliers

- Length 125 mm.



Precision pliers suited to the most delicate cutting jobs in electronics and precision mechanics. Precision ground cutting edges with no bevel for flush cutting. Precision shaped tips for cutting wires in close proximity from 0.2 mm diameter. High-quality stainless steel riveted joint. Extremely smooth action to avoid operator fatigue. With opening spring and restricted opening.

TL5707 Precision tweezers

Precision tweezers for general use. Straight tweezers with wide tips, perpendicularly scored gripping surfaces. Polished nickel plated.



TL5708 Precision tweezers

Precision tweezers for final assembly work. 45° curved tips, cross-scored gripping surfaces. Polished nickel plated.



TL5709 Tool set

A sturdy case with zip closure and elastic loops, with six pairs of electronics pliers and one pair of precision tweezers.

- Flat nose pliers
- Semi round assembly pliers
- Round nose pliers
- Front cutting pliers
- Diagonal cutting pliers
- Diagonal cutting pliers
- Precision tweezers



TL5710 Tool set

Very sturdy, practical plastic case with foam compartments for two pairs of electronics pliers and six screwdrivers.

- Assembly pliers 115 mm
- Diagonal cutting pliers 115 mm
- Flat screwdriver 0.4 x 2.5.
- Flat screwdriver 0.5 x 3.
- Flat screwdriver 0.6 x 3.5.
- Flat screwdriver 0.8 x 4.
- Crosshead screwdriver PH 0X60.
- Crosshead screwdriver PH 1X80.



CABLE CUTTERS

TL5759

Cable cutter for braided cable



For braided wire cables up to 6 mm diameter and steel cables and rods. Opening spring and closing lever. Cutting edges are additionally induction tempered. The special blade geometry prevents the braided cable from unravelling.

- Length 190 mm.
- Weight 315 g.



TL6140

Cable cutter

Cuts copper and aluminium cables up to 45 mm in diameter. The blade can be released by pressing the release lever in any position. Ideal for working in confined spaces. Not suitable for steel cables.

TL1576

Spare moving blade.



TL3144

Cable cutter



Cuts copper and aluminium cables up to 100 mm in diameter. The blade can be released by pressing the release lever in any position. Ideal for working in confined spaces. Ratchet operation and special grade induction tempered steel blades. Not suitable for steel cables.

TL4154

Cable cutter



Mechanical chain actuated cable cutter, makes clean cuts with no crushing, for rigid conductors and telephone cables up to 30 mm diameter. Ideal for working in confined spaces.

TL4152

Cable cutter



Cable cutter made of high resistance forged steel, makes clean cuts of copper and aluminium cables with no crushing.

| | CAPACITY | LENGTH | WEIGHT |
|-----------|----------|---------|--------|
| REFERENCE | (mm) | (mm) | (Kg) |
| TL4152 | 35 | 330x126 | 3.5 |
| TL4153 | 44 | 556x185 | 10.3 |

CONVENTIONAL TOOLS

TL1678

Cable cutter



Cutter for steel cable (up to 16 mm) and steel rods (up to 10 mm). Small size (600 mm) and weight (2 kg), with titanium/aluminium arms. Interchangeable high quality steel blades.

TL4147

Bolt cutter

Specially reinforced bolt cutter. Excellent cutting capacity for rods, rivets, chains, cables, wire and iron bolts. Induction-tempered jaws. Long lasting, wear resistant blades.



| | CAPACITY | LENGTH | WEIGHT |
|-----------|----------|------------|--------|
| REFERENCE | (mm) | (mm) | (Kg) |
| TL4147 | 10 | 457 / 18" | 2 |
| TL4148 | 11 | 610 / 24" | 3 |
| TL4149 | 13 | 762 / 30" | 4 |
| TL4150 | 14 | 914 / 36" | 6 |
| TL4151 | 18 | 1067 / 42" | 8 |

TL1700

Bolt cutter

Very light, robust bolt cutter. Excellent cutting capacity for rods, rivets, chains, cables, wire and iron bolts. Induction-tempered jaws. Long lasting, wear resistant blades.



| | CAPACITY | LENGTH | WEIGHT |
|-----------|----------|-----------|--------|
| REFERENCE | (mm) | (mm) | (Kg) |
| TL1700 | 8 | 450 (18") | 2 |
| TL1701 | 10 | 600 (24") | 3 |
| TL1702 | 13 | 750 (30") | 4 |

TERMINAL CRIMPERS

TL1250

HP1

Tool for crimping pre-insulated terminals and connectors.

- Section from 0,2 to 2,5 mm².



TL1251

HP3

- Section: 0,25 to 6 mm².

TL3614

MH88

Tool for crimping tubular and pressure CU terminals.

- Section from 2,5 to 16 mm².



CONVENTIONAL TOOLS

▶ TL1244 HF1

Tool for crimping plug-in connectors.

- Section: 0,5 to 4 mm².



▶ TL1246 HN1

Tool for crimping bare terminals and connectors.

- Section: 0,25 to 10 mm².



▶ TL1260 HX1

Tool for crimping co-ax connectors. For types RG58, RG59, RG62 and RG71.



▶ TL1245 HF2

- Section: 0,08 to 1,3 mm².

▶ TL1247 HN2

- Section: 10 to 16 mm².

▶ TL1586 TKE6

- Section: 0,5 to 6 mm².



▶ TL1583 TKE16

- Section: 6 to 16 mm².



▶ TL1584 TKE25

- Section: 6 to 25 mm².

▶ TL1585 TKE50

- Section: 35 to 50 mm².



■ TL1370 TN70

Tool for crimping bare terminals and pressure connectors. Allows maximum quality swaging with minimum effort.

- Capacity 6 - 70 mm.
- Length 450 mm.
- Weight 2 kg.



■ TL1371 TN120

- Length 700 mm.
- Capacity 10 - 120 mm.
- Weight 3 kg.



▶ Spare parts for TN70 and TN120.

■ TL3610 HX050B

Tool for crimping tubular and pressure terminals. Allows maximum quality swaging with minimum effort. Mobile and swivel dies.

- Hexagonal crimping.
- Length 390 mm.
- Weight 1300 g.
- Capacity 6 - 50 mm.



■ TL3611 HX120B

- Hexagonal crimping.
- Length 620 mm.
- Weight 4 kg.
- Capacity 10 - 120 mm.

SCREWDRIVERS

The special handle design and the spherical triangular section permit a comfortable, efficient transmission of force. Heat treated molybdenum/vanadium shank guarantees optimum performance.

TL2789

Flat screwdrivers



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2789 | 3x100 | 175 |
| TL2790 | 4x100 | 188 |
| TL2791 | 5.5x125 | 225 |
| TL2792 | 6.5x150 | 260 |
| TL2793 | 8x175 | 285 |
| TL2794 | 10x200 | 320 |
| TL2795 | 12x250 | 350 |

TL2785

Crosshead screwdrivers



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2785 | 0X75 | 150 |
| TL2786 | 1X100 | 200 |
| TL2787 | 2X125 | 235 |
| TL2788 | 3X150 | 270 |

NOTE

Molybdenum/vanadium shaft.

TL5760

Impact driver

Solid handle with hexagonal socket, for interchangeable forward/reverse screwdriver bits. Ideal for tightening or loosening screws with the aid of a hammer.



SPANNERS

TL2593

Open spanners

Polished chrome, with rounded handles.



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2593 | 6x7 | 120 |
| TL2594 | 8x9 | 135 |
| TL2596 | 10x11 | 150 |
| TL2598 | 12x13 | 165 |
| TL2601 | 14x15 | 180 |
| TL2603 | 16x17 | 195 |
| TL2605 | 18x19 | 210 |
| TL2608 | 20x22 | 225 |
| TL2609 | 21x23 | 240 |
| TL2611 | 24x26 | 260 |
| TL2613 | 25x28 | 280 |
| TL2614 | 27x29 | 280 |
| TL2618 | 30x32 | 300 |

TL2568

Ring spanners

Polished chrome, 12 sided head.



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2568 | 6x7 | 165 |
| TL2569 | 8x9 | 180 |
| TL2570 | 10x11 | 190 |
| TL2571 | 12x13 | 210 |
| TL2572 | 14x15 | 225 |
| TL2573 | 16x17 | 245 |
| TL2575 | 18x19 | 265 |
| TL2576 | 20x22 | 290 |
| TL2577 | 21x23 | 305 |
| TL2578 | 24x26 | 325 |
| TL2579 | 25x28 | 335 |
| TL2580 | 27x29 | 350 |
| TL2581 | 30x32 | 360 |

TL5713 Double-ended ratchet ring spanner

Right or left reversible. Chrome vanadium steel.



| REFERENCE | MOUTH MEASURE (mm) | TOTAL LENGTH (mm) |
|-----------|-----------------------|----------------------|
| TL5713 | 10x11 | 206 |
| TL5714 | 12x14 | 235 |
| TL5715 | 15x16 | 255 |
| TL5716 | 13x17 | 261 |
| TL5717 | 18x21 | 315 |
| TL5718 | 19x22 | 315 |
| TL5719 | 24x27 | 385 |
| TL5720 | 30x32 | 405 |

TL2638 Box Spanner

Polished chrome, hexagonal body.



| REFERENCE | MEASURE(mm) | LENGTH (mm) |
|-----------|-------------|-------------|
| TL2638 | 6x7 | 102 |
| TL2639 | 8x9 | 108 |
| TL2641 | 10x11 | 120 |
| TL2642 | 12x13 | 138 |
| TL2643 | 14x15 | 142 |
| TL2644 | 16x17 | 152 |
| TL2645 | 18x19 | 162 |
| TL2647 | 20x22 | 172 |
| TL2648 | 21x23 | 182 |
| TL2649 | 24x26 | 192 |
| TL2650 | 25x28 | 202 |
| TL2651 | 27x29 | 208 |
| TL2652 | 30x32 | 208 |

TL2207 Open spanners

Set of double open spanners, rounded handles (8 pieces)
6 x 7/20 x 22.

TL2206 Ring spanners

Set of ring spanners with 12 sides, (8 pieces)
6 x 7/20 x 22.

TL2208 Box spanners

Set of hexagonal box spanners, (8 pieces)
6 x 7/20 x 22.

TL4836 Annealed ballend allen keys

Set of 9 long annealed ballend allen keys, from 1,5 to 10 mm



TL2629 Set of Allen Keys

Set of nickel plated hexagonal keys in plastic case, (10 pieces), 2-10 mm.
Weight 380 g.



TL2201 Set of Autoclek wrenches

Metal case with:

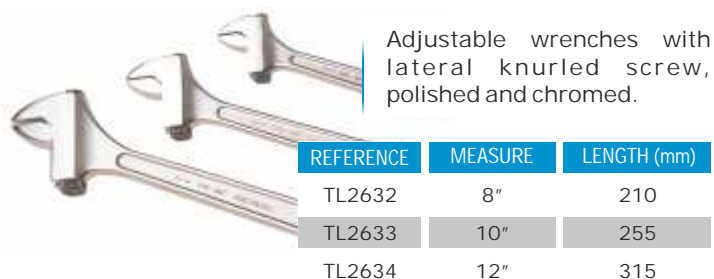
- 2-way Ratchet.
- Set of sockets from 8 to 34 mm
- 5 sockets (long series), 10-13-16-17-21.
- 1 extension bar.
- 1 sliding handle.
- 1 universal joint.



CONVENTIONAL TOOLS

TL2632

Adjustable wrench



TL2584

Ratchet wrench

2-way ratchet wrench, external ½" square drive, 5° rotation angle.



TL2582

Ratchet extender

Extenders for 2-way ratchet with ½" square drive, manufactured in accordance with DIN 3123 B.

| REFERENCE | MEASURE | WEIGHT (grms) |
|-----------|---------|---------------|
| TL2582 | 125 | 170 |
| TL2583 | 250 | 315 |



TL2213

Hexagonal sockets

½" socket wrenches, 12 sides, polished and chromed, manufactured from chrome vanadium steel.



| REFERENCE | | WEIGHT (grms) |
|-----------|----|---------------|
| TL2213 | 8 | 52 |
| TL2214 | 9 | 52 |
| TL2215 | 10 | 52 |
| TL2216 | 11 | 21 |
| TL2217 | 12 | 61 |
| TL2218 | 13 | 61 |
| TL2219 | 14 | 61 |
| TL2220 | 15 | 63 |
| TL2221 | 16 | 63 |
| TL2222 | 17 | 63 |
| TL2223 | 18 | 64 |
| TL2224 | 19 | 71 |
| TL2225 | 20 | 80 |
| TL2226 | 21 | 83 |
| TL2227 | 22 | 99 |

TL2587

Torque wrench

Torque wrench with automatic reset, 72-tooth ratchet and high visibility scale.



| | CAPACITY | LENGTH | WEIGHT |
|-----------|----------|--------|--------|
| REFERENCE | (Nm) | (mm) | (Kg) |
| TL2587 | 10-100 | 340 | 0.7 |
| TL2588 | 20-200 | 440 | 1 |
| TL2589 | 60-340 | 534 | 1.6 |

TL3103

Cabinet keys

For control cabinets and gas, water and electricity supply shut-offs. For technical installations in buildings: Air conditioning and ventilation systems, shut-off valves, switchboards, etc. 6 and 8 mm square sockets. 9 mm triangular socket. 2-way key bit, 9 mm diameter.



HAMMERS

TL2437 Ball hammer



- Length 355 mm.
- Weight 562 g.

TL2439 Peen hammer



- Length 290 mm.
- Weight 320 g.

TL2438 Nylon headed hammer



- Length 305 mm.
- Head diameter 35 mm

TL2440 Sledge hammer



- Length 263 mm.
- Weight 1000 g.

TL2441

- Weight 1250 g.

CUTTING AND DRILLING

TL2442 Cold chisel



| REFERENCE | CUTTING MEASURE | LENGTH (mm) |
|-----------|-----------------|-------------|
| TL2442 | 20x10 | 200 |
| TL2443 | 25x12 | 250 |
| TL2444 | 25x12 | 300 |
| TL2445 | 25x12 | 350 |

TL2624 Scriber

- 5 x 120 mm
- Weight 80 g.



NOTE
Manufactured from chrome/vanadium steel, treated for maximum hardness.

TL1695 Hack Saw

Light aluminium alloy handle.
Ergonomic design. Blades can be stored inside.



TL2325 HSS Saw blade

Bimetallic saw blade, high resistance to breakage and wear. Soldered high speed steel cutting edge.



TL4814 Bow saw

Oval steel tube bow saw, complete with blade with pointed teeth for timber.



- Length 533 mm.

TL4815

Spare saw blade.

TL2646 Tin snips

- Length 280 mm (11").
- Weight 734 g.



TL2436 Electrician's penknife



- Length 190 mm.
- Weight 60 g.

TL2640 Electrician's scissors



- Plastic covered handles.
- Length 127 mm (5").
- Weight 80 g.

CONVENTIONAL TOOLS

TL2345

Set of drill bits

Metal case with HSS drill bits, 1 - 10 mm.

TL2346

Metal case with HSS drill bits, 1 - 13 mm.



TL2327

HSS stepped hole cutter

Suitable for non-ferrous metals, stainless steel sheet, thermoplastics, duroplastics and the most common sheet materials. Allows drilling up to maximum thickness of 4 mm Capacity 10,5 - 40,5 mm



TL2238

Conical drill bit



For drilling large diameter holes in thin material, or for enlarging existing holes. This HSS bit does not leave burrs or marks, and can be used in hand drills or drill presses.

| REFERENCE | MAX CAPACITY | TOTAL LENGTH |
|-----------|--------------|--------------|
| | (mm) | (mm) |
| TL2238 | 8-20 | 62 |
| TL2236 | 16-30,5 | 71 |
| TL2237 | 26-40 | 83 |

TL1524

Manual perforators

Manual punches are used mainly for switchboards, cabinets and sheetwork in general. They can be used with any type of shear material, such as sheet metal, stainless steel, plastic, etc. Their special three point design gives precise uniform cuts with no crushing.



NOTE

- The square punches are for use with hydraulic pumps.
- The punches and dies in the table are standard measurements.
- For other measurements, please enquire.
- * Punch cylinder REF. TL1456 to be used with square die + punch.

| REFERENCE | DIAMETER | SCREW DIAMETER |
|-----------|----------|----------------|
| | (mm) | (mm) |
| TL1524 | 16.5 | 10 |
| TL1525 | 20.5 | 10 |
| TL1526 | 25.5 | 10 |
| TL1527 | 32.5 | 20 |
| TL1528 | 40.5 | 20 |
| TL1530 | 50.5 | 20 |
| TL1531 | 65 | 20 |
| * TL1529 | 46x46 | 20 |
| * TL1532 | 68x68 | 20 |
| * TL1533 | 92x92 | 20 |

Supplied with no screw.

TL1535

Screws with ball bearings

Replacement screw with metric 10 ball bearing, for manual punches. High strength material, with ball bearing allowing the operation to be carried out with minimum effort. For use with standard wrenches.



TL1536

For metric size 20.

TL2332 Hole saws



High speed BI-METAL steel hole saws. Main applications: steel, aluminium, copper, cast iron, etc. Cutting depth from 29 to 32 mm High speed M3 steel cutting edge.

NOTE

The hole saws in the table are standard measurements; for other measurements, please enquire.

| REFERENCE | MEASURE(mm) | REAL DIAMETER (mm) |
|-----------|-------------|--------------------|
| TL2332 | 16 | 15.8 |
| TL2334 | 20 | 20 |
| TL2335 | 25 | 25.4 |
| TL2336 | 32 | 31.8 |
| TL2337 | 40 | 39.7 |
| TL2338 | 50 | 50 |
| TL2339 | 65 | 65.1 |

TL2347 Spindles

Spindles for hole saws, diameter 14/30 mm Supplied with ground 6.35 mm diameter HSS guide bit. These are universal, and so can be used with crowns from other manufacturers.



TL2348

For 32/152mm diameter.

TL2326 Set of Hole Saws

Set of hole saws, measurements 16, 20, 25, 32, 40 and 51 mm Electrical measurements.



NOTE

Other sets available.

TL2383 Circular cutter

Adjustable radius circle cutter. For cutting round holes in ceilings, walls and floors. Cuts plaster and PVC up to 2,3 centimetres thick. Cuts aluminium and sheet metal up to 1 mm thick. Maximum diameter of cut: 16,3 cm.

NOTE

Supplied in rigid PVC case.



TL2349 Set of Taps

Tap sets are composed of 3 pieces, taper, second tap and bottoming tap (No. 3). They comply with the strictest and most exacting quality standards.



| REFERENCE | METRICS | STEP (mm) |
|-----------|---------|-----------|
| TL2349 | 3 | 0.50 |
| TL2350 | 4 | 0.70 |
| TL2351 | 5 | 0.80 |
| TL2352 | 6 | 1.00 |
| TL2353 | 7 | 1.00 |
| TL2354 | 8 | 1.25 |
| TL2355 | 9 | 1.25 |
| TL2356 | 10 | 1.50 |

CONVENTIONAL TOOLS

TL2342 Tap wrench



Tap wrench with ratchet.

| REFERENCE | METRICS |
|-----------|----------|
| TL2342 | M3 a M10 |
| TL2343 | M5 a M12 |

TL1709 Riveter

Professional hand riveter, for 3-4 and 5 mm rivets, for aluminium and copper, with three riveting heads.

NOTE
Supplied without rivets.



TL5028 Riveter

Professional accordion riveter, for 4 - 6,4 mm rivets (blind rivets).

- Length 295/832 mm.
- Weight 2100 g.



NOTE
Supplied without rivets.

TL2240 Files



Manufactured on precision machine tools, they guarantee high performance and longer life.

| REFERENCIA | FORMA | LONGITUD |
|------------|------------|------------|
| TL2240 | Plana | 250 mm 10" |
| TL2245 | Media caña | 250 mm 10" |
| TL2248 | Redonda | 250 mm 10" |

NOTE
Files are supplied without handles.

TL2555 File handle

Plastic handle for 8" - 10" files.

- Length 115 mm.
- Weight 38 g.



TL2556 Manual nut splitter

For splitting seized nuts without damaging the bolt. For bolts from 6 to 36 mm.



HERRAMIENTAS DE CONSTRUCCIÓN

TL5721 Pick

Pick with wooden handle.

- Width 515 mm.
- Height 47 mm.
- Weight 2500 g.

NOTE
Supplied with a wooden handle.



TL5722 Round shovel

Round shovel with T-handle. Made from treated steel sheet.

- Length 1078 mm.



NOTE
Supplied with a wooden handle.

CONVENTIONAL TOOLS

▶ TL5023 Trowel

Trowel made from specially treated steel sheet.

■ 200x107 mm.

▶ TL5902 Float

Rectangular stainless steel float with wooden handle.

■ 300x150 mm.

▶ TL5020 Flexible spatula

With 50 mm beech handle.

■ Length 210 mm.
■ Weight 65 g.



■ TL4956 Axe

Beautifully designed axe with a clean cutting edge, for deep penetration without jamming. Wooden handle.

■ Weight 500 g.



■ TL4934

1200 g axe.

■ TL4830 Pry bar

Treated steel pry bar 22x1000 mm.



NOTE
Other measurements available.

MEASURING AND MARKING

■ TL2257 Fibreglass tape measure

Phosphorescent orange fibreglass tape measure, printed on both sides. ABS case with metal ring.



| REFERENCE | LENGTH | TAPE WIDE |
|-----------|--------|-----------|
| | (m) | (mm) |
| TL2257 | 25 | 15 |
| TL2258 | 30 | 15 |
| TL2259 | 50 | 15 |

■ TL2254 Tape measure

Tape measure with chrome case and brake.

■ Tape width 13 mm.

■ TL2255

Tape width 16 mm.



■ TL2262 Plumb line

Standard plumb line, plastic case.



■ TL1692

Blue colouring powder.



■ TL1693 Plumb line

Standard plumb line, metal case.



CONVENTIONAL TOOLS

TL2452

Fibre rule

Insulating fibre rule. (2 metres)



TL2261

Level

Aluminium spirit level, wing shape, ground base.



TL2260

Pocket spirit level

Made from PVC with a magnetic base.



TL2253

Calliper



Vernier calliper, rule and slider in tempered stainless steel.

TL2590

Escuadra

Stainless steel try square, scale etched on both sides.



TL4803

Laser distance meter

Precision laser distance meter measures up to 150 m. Simple, precise measurement of length, surface area and volume. Indirect length measurement, continuous measurement, minimum and maximum, add/subtract and memory functions. An adhesive spirit level aids in levelling the device, which has a 1/4" tripod connector.

- Power: 4 x 1,5 V LR6 (AA).
- Automatic shutoff: 5 min.
- Approx weight: 0,4 kg.



TL2710

Digital inclinometer

Accurately measure gradients, angles or use as spirit level. Measurements shown in degrees or percentages with 5/100° accuracy. Acoustic alert at 0° and 90°. Rugged aluminium profile, ideal for installation and construction work.

- Power: 6 x 1,5 V LR6 (AA).
- Automatic shutoff: 5 min.
- Length 600 mm.
- Weight 700 g.



PIPE TOOLS

TL1710

Stillson wrench



Forged and tempered with induction hardened bracket. Helicoidal spring system giving quick, safe locking action.

| REFERENCE | LENGTH | DIAMETER |
|-----------|--------|----------|
| TL1710 | 10" | 1" |
| TL1711 | 12" | 1.1/4" |
| TL1712 | 14" | 1.1/2" |
| TL1713 | 18" | 2" |

TL2626

Mole wrench

Hardened forged jaws, quick fastening. Bright nickel finish, giving high resistance to corrosion. The fastening system allows for hands-free operation. Length 235 mm.



| REFERENCE | MAX DIAMETER (mm) | MOUTH |
|-----------|-------------------|--------|
| TL2626 | 62 | Curvas |
| TL2627 | 63 | Rectas |

TL1704

Chain wrench

With forged handle and high-capacity chain, for gripping sections of any shape. Jaws in forged steel, with teeth on both sides for 2-way ratchet operation.



| REFERENCE | CAPACITY |
|-----------|----------|
| TL1704 | 2.1/2" |
| TL1705 | 4" |
| TL1706 | 6" |

TL1697

Pipe Cutter



For cutting copper, aluminium and plastic pipes. Capacity 12-50 mm (1/2-2").

TL1699

Pipe Cutter



For steel pipes in general, including stainless steel. Totally forged. Capacity 1/8 - 2".

TL1696

Tool stand

Portable workbench, lightweight and easy to handle, with folding tray and adjustable back leg for increased stability. Can be used with a variety of vices and clamps.



TL2252

Folding workbench

Beech wood top, strong and warp resistant, water resistant, clear varnish finish. Metal edge protection. Square tube frame.



NOTE
Optional bench vice.

CONVENTIONAL TOOLS

TL2653

Bench vice

Forged steel bench vice, very resistant and extremely solid.



| REFERENCE | MOUTHS(mm) | OPENING (mm) | WEIGHT(Kg) |
|-----------|------------|--------------|------------|
| TL2653 | 125 | 150 | 11 |
| TL2654 | 150 | 200 | 18 |
| TL2655 | 175 | 225 | 27 |

TL1708

Bench vice

Manufactured from high strength steel, easy to use and very solid, for tubes up to 2".

NOTE

References TL1708 and TL1707 can both be fitted to TL1696 tool stand.



TL1707

Chain clamp

Tempered forged H-shaped jaws. Forged base and tempered steel chain, very strong and flexible. For pipes up to 4".



TL1949

Die Stock

Metric dies for cutting external threads.



| REFERENCE | STEP | FOREIGN DIAMETER (mm) |
|-----------|---------|-----------------------|
| TL1949 | M16X1.5 | 50 |
| TL1950 | M20X1.5 | 50 |
| TL1951 | M25X1.5 | 50 |
| TL1952 | M32X1.5 | 90 |
| TL1953 | M40X1.5 | 90 |
| TL1954 | M50X1.5 | 90 |
| TL1955 | M63X1.5 | 90 |

TL1956

Die stock with guide

Die stock with guide for metric dies.



| REFERENCE | STEP | FOREIGN DIAMETER mm)* |
|-----------|---------|-----------------------|
| TL1956 | M16 M20 | 50-50 |
| TL1957 | M25 M32 | 50-90 |
| TL1958 | M40 | 90 |
| TL1959 | M50 | 90 |
| TL1960 | M63 | 90 |

* Die diameter.

TL1944

Die stock and die set.

Die stock and die set.



| REFERENCE | STEP |
|-----------|---------|
| TL1944 | M16/M20 |
| TL1945 | M25/M32 |
| TL1946 | M40 |
| TL1947 | M50 |
| TL1948 | M63 |

TL1943

Set of dies

Set of dies comprising:

- Die stock and dies for M16 and M20.
- Die stock and dies for M25 and M32.
- Common die stock for M40, M50 and M63 dies.
- Metal carrying case.

NOTE

Ref TL1942: empty carrying case.



TL1716 Adjustable die stock



Adjustable 1½" - 3" die stock, double ratchet system, easy centring of tube. With large openings to facilitate swarf clearance, giving clean threads.

TL1715 Die stock

Accepts die nuts, for cutting threads in DIN 2999 (BSPT gas) tubes, ¼" - 1". Supplied with metal carrier.



CABLE WINDERS

Cable winders

TL5283 Tronic

Light, rugged and easy to use PVC winder with extremely efficient adjustable cable roll fixing system.

- Capacity:
 - External diameter 295 mm
 - Internal diameter adjustable from 80 to 180 mm
- Height 80 mm



TL5194 Tronic B6/1

Robust metal rack with wheels for easily transporting the different TRONIC systems, with a wide bottom shelf for other tools. Reference TL5194: rack only. The precise configuration (individual TRONIVC or TRONIC + B) varies according to requirements.

NOTE
The photo shows a set of 6 TRONIC + B on the rack. These can be dismantled for transport.



TL5195 Tronic + B

Cable winders specially designed for electrical installation. Made up of two TRONIC containers mounted on a sturdy, lightweight frame. Can be used easily in a horizontal or vertical position. Complete with a clip together system for piling several units on top of each other.

CASES, BAGS AND BOXES

TL1904 Cylindrical bag

Cylindrical leather bag with handle, with a steel hoop to keep the bag open, supplied with hook for hanging.

- Width 210 mm.
- Height 280 mm.



TL1902 Flat bag

Flat leather bag with reinforced opening, supplied with tool belt.



TL1903

Flat bag without belt.

TL2451 Leather tool pouch

This tool pouch has a large number of compartments.

NOTE
Supplied without belt.



TL2450 Leather tool pouch with belt

Tool pouch and belt made from sturdy high quality material with a large number of compartments.



NOTE
The tools are optional.

TL5735 Tool roll with 10 compartments

Tool roll in black synthetic leather. 10 compartments for tools.
Dimensions: 460 x 320 mm Weight 260 g.



TL5095 Tool case with flaps

Tool case in black synthetic leather. With 12 compartments for tools and internal protective flaps.

- Dimensions: 340 x 220 x 50 mm.
- Weight 1 kg

NOTE
The tools are optional.



TL2446 Toolbox

Metal toolbox, made of blue lacquered steel sheet. Excellent finish, with no sharp edges.

| REFERENCE | MEASURE(mm) |
|-----------|-------------|
| TL2446 | 400x210x190 |
| TL2447 | 500x210x190 |



TL2514 Tool chests

Metal tool chests, made of top quality steel sheet, with anticorrosive primer and hammered green finish, kiln dried.



| REFERENCE | MODEL | WIDE (mm) | HEIGHT(mm) | LONG (mm) |
|-----------|-------|-----------|------------|-----------|
| TL2514 | A-2 | 290 | 290 | 535 |
| TL2515 | A-3 | 330 | 330 | 685 |
| TL2516 | A-4 | 370 | 370 | 835 |
| TL2517 | A-5 | 500 | 500 | 1000 |

NOTE

Reference TL2517 is supplied with tray.

TL1888 Aluminium case

Tool carrying case with different compartments and tray with moveable dividers.

■ Dimensions: 440 x 330 x 115 mm.



TL4732 Leather case

Case with anodised aluminium reinforced edges. Drop down front and galvanised sheet base.

■ Dimensions: 420 x 300 x 130 mm.



TL5732 ABS Case

Impact resistant ABS case with rugged aluminium protective frame. Two locks, rugged ergonomic handles, safety hinges.

- Dimensions:
480 x 370 x 180 mm.
- Weight 4,5 kg



TL5734 ABS Case

Impact resistant ABS case with rugged aluminium protective frame. With two wheels and telescopic handle for easy transport. Three locks, one of which is a combination lock. Protected hinges.

- Dimensions 485 x 350 x 195 mm.
- Weight 6 kg.



TL5778 Waterproof Case

Manufactured from special high impact resistant plastic. Pressure compensating valve. The neoprene seal and ABS locks ensure a perfect seal. Padlock rings provided. Available in black and yellow. Cases can be supplied with two types of interior:

- a) Block of semi-shaped polyester foam in squares, adjustable to any type of content. Grey polyester eggbox foam in lid.
- b) Adjustable compartments, washable padded material. These compartments can be adjusted using velcro strips. Includes foam lid lining.

| REFERENCE | VOLUME L. | DIMENSIONS (mm) | WEIGHT(Kg) |
|-----------|-----------|-----------------|------------|
| TL5778 | 4 | 260x200x80 | 0,6 |
| TL5779 | 7 | 250x182x145 | 1,2 |
| TL5780 | 8 | 365x245x95 | 1,9 |
| TL5781 | 16 | 386x270x153 | 1,9 |
| TL5782 | 22 | 425x350x168 | 3 |
| TL5783 | 32 | 475x355x180 | 5 |

NOTE

Can be supplied with optional adjustable-length shoulder strap with shoulder pad.



HALOGEN LAMPS

TL5816 Halogen 500 W

Work light with strong, rugged housing, aluminium reflector, waterproof, powerful, even light. 500 W.



TL5817 Halogen 500 W with tripod

Work light with strong, rugged housing, aluminium reflector, waterproof, powerful, even light. 500 W. Supplied with tripod.

